

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-15 (Cancelled).

16 (Currently amended). An isolated nucleic acid molecule comprising consisting of a nucleotide sequence encoding for a polypeptide selected from the group consisting of:

(A) a human Rgr polypeptide comprising the amino acid sequence of SEQ ID NO:2; and

(B) ~~a variant polypeptide of human Rgr consisting of an amino acid sequence with at least 98% sequence identity to SEQ ID NO:2;~~

~~(C)~~—an abnormally truncated variant of human Rgr selected from the group consisting of SEQ ID NO:10, SEQ ID NO:12, SEQ ID NO:14, SEQ ID NO:16, SEQ ID NO:18, SEQ ID NO:20, SEQ ID NO:22, SEQ ID NO:24, and those encoded by ~~a~~ the nucleotide sequence consisting of SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7 and combinations of two or more of SEQ ID NOS:5, 6 and 7 joined together as a contiguous sequence.

17 (Original). The nucleic acid molecule of claim 16, wherein the polypeptide comprises the amino acid sequence of SEQ ID NO:2.

18(Original). The nucleic acid molecule of claim 17, wherein the nucleotide sequence encoding the polypeptide comprises nucleotides 1171 to 2589 of SEQ ID NO:1.

Claims 19-22 (Cancelled).

23(Currently amended). The nucleic acid molecule of claim 16, wherein said abnormally truncated variant consists of an amino acid sequence selected from the group consisting of SEQ ID NO:10, SEQ ID NO:12, SEQ ID NO:14, SEQ ID NO:16, SEQ ID NO:18, SEQ ID NO:20, SEQ ID NO:22, and SEQ ID NO:24.

Claim 24 (Cancelled).

25(Currently amended). The nucleic acid molecule of claim 16, consisting ~~a~~ the a nucleotide sequence of SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, or a combination thereof joined together as a contiguous sequence.

26(Previously presented). The nucleic acid molecule of claim 23, consisting of a nucleotide sequence selected from the group consisting of SEQ ID NO:9, SEQ ID NO:11, SEQ ID NO:13, SEQ ID NO:15, SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:21, and SEQ ID NO:23.

Claims 27-33 (Cancelled).

34(Original). A vector comprising the nucleic acid molecule of claim 16.

35(Original). A host cell transformed with the nucleic acid molecule of claim 16.